

PEARL Status as of 11 October 2017

Pierre Fogal
PEARL Site Manager

Current PEARL Status

- All facilities are operational
- Most instruments are fully operational
- Next visit to Eureka on 15 October to 11 November
- Operator coverage to 9 December
 - Starts again 6 January 2018
- Next major campaign is at Sunrise in late February

PEARL Instruments by Location

- RidgeLab
 - *Bruker IFS125HR FT spectrometer*
 - *2 UV-Vis grating spectrometers*
 - Aerosol mass spectrometer
 - *Cimel sunphotometer*
 - **DIAL Lidar**
 - **E-Region Wind Interferometer (ERWIN)**
 - **SATI**
 - **All Sky Imager**
- OPAL
 - Millimeter wave cloud radar
 - Microwave water vapour radiometer
 - Meteor radar
 - Extended-range Atmospheric Emission Radiometric Interferometer (E-AERI)
 - Precipitation Suite
 - Raman Lidar (CRL)
 - Tropospheric Ozone Lidar
 - Starphotometer
- SAFIRE
 - Baseline Surface Radiation Network
 - Flux tower
 - VHF wind profiler/radar

PEARL in the Near Future

- PEARL-PAHA funding ending in the first half of 2018
- Currently no funding program available to follow onto the Canadian Climate and Atmospheric Research (CCAR) program that provides the PAHA funds
- Operator coverage until the end of March, possibly beyond that. TBD.
- We are currently advocating for new funding to replace CCAR.